

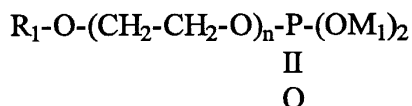
AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

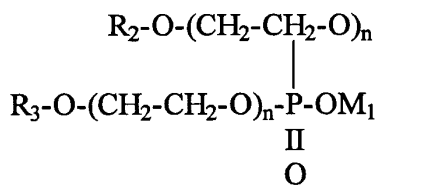
LISTING OF CLAIMS:

1. (Currently Amended) Organic sol, comprising:
 - titanium oxide particles;
 - an organic liquid phase;
 - at least one amphiphilic compound having a formula comprising: selected

~~from the group consisting of polyoxyethylenated alkyl ether phosphates.~~



or



wherein,

R₁, R₂ and R₃ comprise a linear or branched alkyl group, a phenyl group, an alkylaryl group, or an arylalkyl group;

n represents the number of ethylene oxide units; and

M1 represents a hydrogen, sodium or potassium atom

2. (Previously Presented) Sol according to claim 1, wherein the titanium oxide particles are at least partially covered by a layer of at least one silicon or metallic oxide, hydroxide or oxyhydroxide.

3. (Currently Amended) Sol according to claim 1, wherein the titanium oxide particles are at least partially covered:

- by a first layer of at least one cerium and/or iron compound, and
- by a second layer of at ~~least one~~ least one silicon or metallic oxide, hydroxide or oxyhydroxide.

4. (Previously Presented) Sol according to claim 2, wherein the titanium oxide particles have a BET specific surface area of at least 70 m²/g.

5. (Previously Presented) Sol according to claim 2, wherein the ratio by weight of the silicon or metallic oxide(s), hydroxide(s) or oxyhydroxide(s) to titanium dioxide is at most 60% by weight.

6. (Previously Presented) Sol according to claim 3, wherein the first aforementioned layer is based on at least one cerium compound with a content such that the ratio by weight of the cerium compound, expressed in CeO₂, to the titanium dioxide is at most 6% by weight.

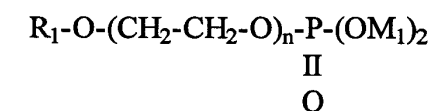
7. (Currently Amended) Sol according to claim ~~[[2]]~~ 1, wherein ~~the first layer or the second layer is~~ the titanium oxide particles are at least partially covered by at least one layer based on silica and/or aluminum oxide, hydroxide or oxyhydroxide.

8. (Previously Presented) Sol according to claim 1, wherein the organic liquid phase is based on a polar solvent.

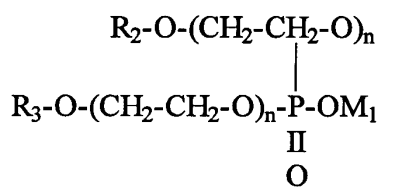
Claim 9 canceled.

10. (Currently Amended) Sol according to claim 1, wherein the organic phase comprises a polar solvent ~~is selected~~ selected from the group consisting of halogenated solvents, esters, and alcohols.

11. (Currently Amended) ~~[[Solid]]~~ A solid compound comprising a mixture of titanium oxide particles and at least one amphiphilic compound ~~selected from polyoxyethylenated alkyl ether phosphates~~ having a formula comprising:



or



wherein,

R₁, R₂ and R₃ comprise a linear or branched alkyl group, a phenyl group, an alkylaryl group, or an arylalkyl group;

n represents the number of ethylene oxide units; and

M1 represents a hydrogen, sodium or potassium atom

12. (Currently Amended) ~~Solid compound~~ Solid compound according to claim 11, wherein the titanium oxide particles are at least partially covered with a layer of at least one silicon or metallic oxide, hydroxide or oxyhydroxide.

13. (Previously Presented) Solid compound according to claim 11, wherein the titanium oxide particles are at least partially covered:

- by a first layer of at least one cerium and/or iron compound, and

- by a second layer of at least one silicon or metallic oxide, hydroxide or oxyhydroxide.

14. (Currently Amended) Process for the preparation of ~~a sol according to~~ the sol according to claim 1, comprising the mixing the amphiphilic compound and the organic liquid phase together, then the titanium oxide particles, ~~optionally covered with one or both of the aforementioned layers,~~ are dispersed in the mixture obtained.

15. (Currently Amended) Process for the preparation of ~~a sol according to~~ the sol according to claim 1, comprising a mixture forming of titanium oxide particles, ~~optionally covered by one or both of the aforementioned layers,~~ and at ~~least one~~ least one of the aforementioned amphiphilic ~~compound~~ compounds, then dispersing said mixture in the liquid phase.

16. (Currently Amended) Process for the preparation of a sol according to claim 1 comprising an organic liquid phase (a), ~~in particular a sol in an organic phase (a) based on a polar solvent, comprising~~ the method comprising: forming a dispersion comprising the titanium oxide particles~~[[,]]~~ ~~optionally covered by one or both of the aforementioned layers[[,]]~~ and at least one of the ~~aforementioned~~ amphiphilic ~~compound~~ compounds in an organic liquid phase (b) based on a solvent with a lower polarity than that of the ~~solvent of~~

the organic liquid phase (a); separating the solid phase from the liquid phase (b); and dispersing the solid phase obtained in this way in the organic phase (a).

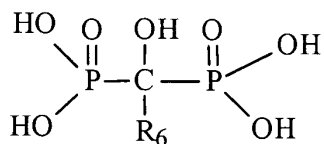
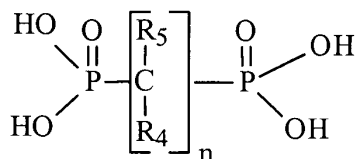
17. (Previously Presented) Preparation process according to claim 14, comprising using, as the starting product, titanium dioxide particles which were obtained by hydrolysis of at least one titanium compound A in the presence of at least one compound B selected from the group consisting of:

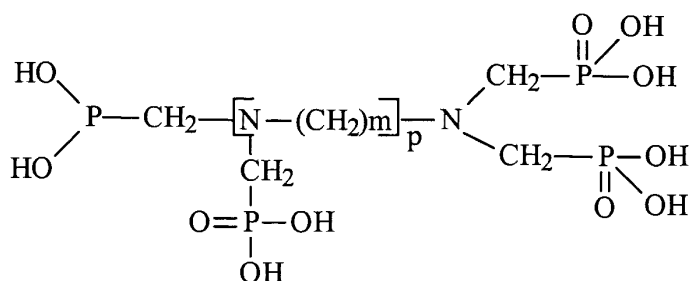
(i) acids which have:

- either a carboxyl group and at least two hydroxyl and/or amine groups,
- or at least two carboxyl groups and at least one hydroxyl and/or amine

group,

(ii) organic phosphoric acids of the following formulas:





18. (Previously Presented) Process according to claim 17, comprising using, as the starting product, titanium dioxide particles which were obtained by the hydrolysis process and in which the anatase titanium dioxide seeds are of a size no greater than 8 nm and are present in ratio by weight expressed in TiO₂ present in the seeds/titanium present before the introduction of the seeds into the hydrolysis medium, expressed in TiO₂ comprised between 0.01 % and 3 %.

19. (Previously Presented) Process according to claim 17, comprising using, as the starting product, titanium dioxide particles which were obtained by the aforementioned hydrolysis process and in which the titanium compound A is titanium oxychloride.

20. (Previously Presented) Process according to claim 17, comprising using, as the starting product, titanium dioxide particles which were obtained by the aforementioned hydrolysis process and in which compound B is citric acid.

21. (Previously Presented) Process according to claim 17, comprising using, as the starting product, titanium dioxide particles which were obtained by a process comprising the aforementioned hydrolysis and in which the precipitate formed is separated from the hydrolysis medium then redispersed in water resulting in a dispersion of titanium oxide in water and where said dispersion is dried at a temperature no greater than 120°C.

22. (Currently Amended) Process according to claim 17, wherein the sol is subjected to an ultrafiltration treatment.

23. (Previously Presented) Formulates for cosmetics, varnishes, paints or plastics comprising an effective amount of the sol according to claim 1.